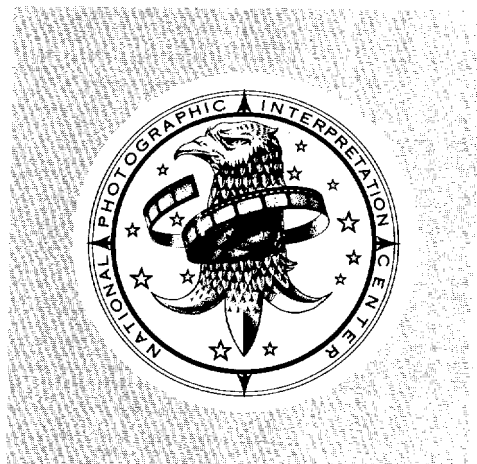


25X1C

TOP SECRET

Declass Review by NIMA/DOD



NATIONAL PHOTOGRAPHIC  
INTERPRETATION CENTER

OAK

PHOTOGRAPHIC INTERPRETATION REPORT

KH-4 MISSION III7

IPIR NUMBER I

MISSION III7-I OAK

26-27 MAY 1972

Handle via  
Talent-Keyhole  
Channels Only

25X1C

TOP SECRET

TCS-21290/72

JUNE 1972

COPY NO 176

40 PAGES

GROUP 1: EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

**WARNING**

This document contains information affecting the national security of the United States within the meaning of the espionage laws U. S. Code Title 18, Sections 793 and 794. The law prohibits its transmission or the revelation of its contents in any manner to an unauthorized person, as well as its use in any manner prejudicial to the safety or interest of the United States or for the benefit of any foreign government to the detriment of the United States. It is to be seen only by personnel especially indoctrinated and authorized to receive information in the designated control channels. Its security must be maintained in accordance with regulations pertaining to TALENT-KEYHOLE Control System.

**TARGET CATEGORIES  
AND  
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)**

- |  |   |
|--|---|
| 1. STRATEGIC SSM<br>Deployed Strategic SSM Facilities (A)  | 7. GROUND<br>Ground Force Facilities (G)  |
| 2. MISSILE RANGES<br>Missile Ranges: Strategic SSM/Space Facilities (P)<br>Missile Ranges: Air-Launched Missile Facilities (Q)<br>Missile Ranges: Naval-Launched Missile Facilities (R)<br>Missile Ranges: Tactical SSM Facilities (S)<br>Missile Ranges: SAM/AMM Facilities (T) | 8. TACTICAL SSM<br>Deployed Tactical SSM Facilities (H)   |
| 3. AIR DEFENSE MISSILES<br>Deployed AMM Facilities (B)<br>Deployed SAM Facilities (D)  | 9. LOGISTICS<br>Military Logistics Facilities (K)   |
| 4. ELECTRONICS/COMMUNICATIONS<br>Deployed Communication/Electronic/Radar Facilities (C)  | 10. NUCLEAR ENERGY<br>Atomic Energy Facilities (O)  |
| 5. AIR<br>Air Base Facilities (E)  | 11. CBR<br>CBR Facilities (V)   |
| 6. NAVAL<br>Naval Base Facilities (F)  | 12. INDUSTRY<br>Strategic Weapons Industrial Facilities (J)<br>General Purpose Weapons Industrial Facilities (L)<br>Non-Military Industrial Facilities (N)<br>Communication/Electronic/Radar R&D Facilities (U) |
|  | 13. MISCELLANEOUS<br>Non-Military Logistics Facilities (M)<br>Miscellaneous/Unidentified Facilities (Z)   |

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

Approved For Release 2001/03/03 : CIA-RDP78T04562A004400010004-3  
HANDLE VIA TOP SECRET RUFF  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

## TABLE OF CONTENTS

	PAGE
PREFACE	1
MISSION HIGHLIGHTS	2
CHINA, COMMUNIST	
DEPLOYED STRATEGIC SSM FACILITIES	5
MISSILE RANGES	6
AIR BASE FACILITIES	7
GROUND FORCE FACILITIES	9
NUCLEAR ENERGY	10
UNITED ARAB REPUBLIC	
AIR BASE FACILITIES	11
KOREA, NORTH	
LOGISTICS	12
SOVIET UNION	
DEPLOYED STRATEGIC SSM FACILITIES	13
MISSILE RANGES	21
NAVAL BASE FACILITIES	24
GROUND FORCE FACILITIES	30
LOGISTICS	31
NUCLEAR ENERGY	32
INDUSTRY	34
VIETNAM, NORTH	
AIR BASE FACILITIES	36

HANDLE VIA  
TALENT KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

010004-3

25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

PREFACE

## PREFACE

THIS OAK REPORT ON MISSION 1117-1 PROVIDES INFORMATION ON THE A AND B PRIORITY COMIREX TARGETS OBSERVED ON PHOTOGRAPHY.

TARGETS IN THIS REPORT ARE SEQUENCED ALPHABETICALLY WITHIN THE 13 TARGET CATEGORIES ESTABLISHED BY COMIREX. A LISTING OF THE TARGET CATEGORIES APPEARS ON THE INSIDE FRONT COVER OF THIS REPORT. TARGETS ARE FURTHER SEQUENCED BY COUNTRY AND DIVIDED INTO TWO SECTIONS -- SIGNIFICANT RESULTS AND OTHER RESULTS.

THE SIGNIFICANT RESULTS SECTIONS INCLUDE NEW TARGETS, PERISHABLE ITEMS, AND TARGETS WHICH REFLECT CHANGE AND/OR ORDER OF BATTLE. ALL REMAINING TARGETS ARE INCLUDED IN THE OTHER RESULTS SECTION.

A CUMULATIVE INDEX WILL BE PUBLISHED AT THE CONCLUSION OF EACH OAK REPORTING PHASE. ANOTHER CUMULATIVE INDEX WILL BE PUBLISHED AT THE CONCLUSION OF THE OAK SUPPLEMENT PHASE.

FOR EXPLANATION OF PREFIXES AND CODES USED IN THIS REPORT, SEE THE NATIONAL STANDARD MESSAGE FORMAT FOR ELECTRICAL TRANSMISSION OF FIRST- AND SECOND-PHASE EXPLOITATION (COMIREX-D-31.2/11, 1ST REVISION, JANUARY 1969 AND TCS-8264/68, JUNE 1968, THE SUPPLEMENT TO COMIREX-D-31.2/11).

THE ORDER OF BATTLE REPORTED IS CONFIRMED UNLESS OTHERWISE QUALIFIED AS PROBABLE (PROB) OR POSSIBLE (POSS).

RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF PHOTOGRAPHY IS ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE ANALYSIS MAY RESULT IN ADDITIONAL INFORMATION. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

10004-3  
25X1C

TCS-21290/72 - IPIR 1 25X1C  
KH-4 MISSION 1117-1

HIGHLIGHTS

### MISSION HIGHLIGHTS

USSR

#### MISSILE ACTIVITY

##### ICBM COMPLEXES

1. SIX OF THE 24 ICBM COMPLEXES WERE AT LEAST PARTIALLY OBSERVED ON PHOTOGRAPHY OF POOR-TO-FAIR INTERPRETABILITY. NO NEW SILO CONSTRUCTION WAS OBSERVED.

THE IMENI GASTELLO AND UZHUR SS-9 COMPLEXES AND SEARCH AREAS WERE AT LEAST PARTIALLY OBSERVED. THE OTHER FOUR SS-9 COMPLEXES WERE NOT OBSERVED. DEPLOYED TYPE IIIF LAUNCH SITES WERE SEEN ONLY AT THE IMENI GASTELLO COMPLEX WHERE ALL FIVE WERE OBSERVED. A PROBABLE BRIDGE CRANE WAS OBSERVED AT LAUNCH SITE 59.

THE GLADKAYA AND TATISHCHEVO SS-11 COMPLEXES AND SEARCH AREAS WERE PARTIALLY OBSERVED. ONLY THE SEARCH AREA WAS OBSERVED AT DROVYANAYA.

THE YOSHKAR-OLA SS-13 COMPLEX AND SEARCH AREA WERE PARTIALLY OBSERVED. THE TRAINING SITE, 45X, AT THE RAIL-TO-ROAD TRANSFER POINT WAS COMPLETE. OF THE SS-7/SS-8 COMPLEXES, ONLY THE YURYA SS-7 COMPLEX AND SEARCH AREA WERE PARTIALLY OBSERVED.

##### MR/IRBM COMPLEXES

2. PARTS OF 19 MRBM/IRBM COMPLEXES AND SEARCH AREAS WERE OBSERVED THROUGH SCATTERED TO HEAVY CLOUDS. NO NEW SILO CONSTRUCTION WAS OBSERVED. NEITHER THE DERAZHNYA NOR PERVOMAYSK SSM COMPLEXES WERE COVERED.

#### MISSILE TEST CENTERS

25X1A 3. KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER (48-41-07N 045-58-53E, [REDACTED])

ALL COMPONENTS OF THE KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER WERE OBSERVED ON CLEAR PHOTOGRAPHY OF [REDACTED] NO SIGNIFICANT ACTIVITY WAS OBSERVED.

25X1D

HANDLE VIA TOP SECRET RUFF  
Talent-Keyhole Approved For Release 2001/03/03 : CIA-RDP78T04562A00400010004-3  
CONTROL SYSTEM ONLY 25X1C

TCS-21290/72 - IPIR 1 25X1C HIGHLIGHTS  
KH-4 MISSION 1117-1

25X1A

4. TYURATAM MISSILE TEST CENTER (45-56-37N 063-27-55E, BE  
[REDACTED])

ALL COMPONENTS OF THE TYURATAM MISSILE TEST CENTER WERE  
OBSERVED ON CLEAR PHOTOGRAPHY ON [REDACTED] 25X1D

AT LAUNCH COMPLEX H, THE MISSILE OR PORTION OF A MISSILE  
OBSERVED ON PAD H1 ON [REDACTED] WAS NO LONGER 25X1D  
PRESENT. NO NEW DEBRIS WAS OBSERVED. TWO PROBABLE RAILCARS  
WERE ON THE H1 RAIL SPUR AND FOUR OTHER RAILCARS WERE JUST  
OUTSIDE THE ENTRANCE TO THE SITE.

IN THE SUPPORT FACILITY AT LAUNCH COMPLEX C, ONE POSSIBLE  
MISSILE AIRFRAME WAS ON THE RAIL SPUR ADJACENT TO ASSEMBLY AND  
CHECKOUT BUILDING A. A POSSIBLE MISSILE TRANSPORTER WAS PARKED 25X1D  
ON THE APRON ADJACENT TO THE RAIL SPUR. A [REDACTED]  
[REDACTED] LONG OBJECT WAS PARKED NEAR THE POSSIBLE 25X1D  
TRANSPORTER.

AN SL-11 SPACE LAUNCH VEHICLE WAS IN A HORIZONTAL POSITION  
AT LAUNCH PAD G1-A OF LAUNCH SITE G1. THE SAME OR A SIMILAR 25X1D  
LAUNCH VEHICLE WAS OBSERVED AT THIS PAD ON [REDACTED]  
[REDACTED] 25X1D

A MISSILE CANISTER WAS OBSERVED IN THE OPEN SILO AT LAUNCH  
SITE S1.

GROUND SUPPORT EQUIPMENT WAS OBSERVED AT TYPE IIIC LAUNCH  
SITES Q1 AND Q2.

AT LAUNCH SITE T1-T2, 11 SILO LINER SEGMENTS OR PORTIONS OF  
SEGMENTS WERE OBSERVED ON THE SILO APRON.

AIR ACTIVITY

25X1A 5. ARSENYEV AIRFRAME PLANT 116 (44-08-59N 133-15-23E, BE  
[REDACTED])

SEVENTEEN PROBABLE HIND A HELICOPTERS WERE OBSERVED AT  
ARSENYEV AIRFRAME PLANT 116 ON [REDACTED] THIS IS THE LARGEST 25X1D  
NUMBER OF THESE COMBAT ASSAULT HELICOPTERS OBSERVED AT THE  
PLANT TO DATE. A PREVIOUS HIGH COUNT OF FIVE HIND A WAS  
OBSERVED AT THE PLANT IN [REDACTED]

25X1D

HANDLE VIA TOP SECRET RUFF  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

010004-3

25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

HIGHLIGHTS

25X1A

6. KAZAN AIRFRAME PLANT GORBUNOV 22 (55-51-38N 049-06-55E, BE

25X1A AKHTUBINSK FLIGHT TEST CENTER (48-17-53N 046-11-22E, BE

25X1D THREE BACKFIRE A AND ONE POSSIBLE BACKFIRE A WERE  
IDENTIFIED AT KAZAN AIRFRAME PLANT 22 ON [REDACTED] ONE BACKFIRE  
A WAS OBSERVED AT AKHTUBINSK FLIGHT TEST CENTER ON THE SAME  
DAY. RAMENSKOYE FLIGHT TEST CENTER WAS NOT COVERED.

25X2

#### NAVAL ACTIVITY

#### 8. SUBMARINE ACTIVITY

SEVERODVINSK SHIPYARD 402 AND KOMSOMOLSK SHIPYARD AMUR 199  
WERE NOT COVERED. ALL NORTHERN FLEET SUBMARINE BASES WERE  
CLOUD COVERED. Y-CLASS SUBMARINES OBSERVED IN THE PACIFIC WERE  
AS FOLLOWS: THREE AT PETROPAVLOVSK SUBMARINE BASE TARYA BAY  
AND ONE AT PETROVKA NAVAL BASE AND SHIP REPAIR YARD ON [REDACTED]  
ALL HAD DARK-TONED SONAR ARRAYS.

25X1D

## **Attachments**



TABLE 1. DEPLOYED ICBM COMPLEXES, TYURATAM MTC, AND PLESETSK MSC

COMPLEX	SS-7	SS-8	SS-9	SS-11	SS-13		OTHER	TOTALS*	LAUNCH GROUPS	LAUNCHERS			
	TYPE IIA, B & D & IIIA	TYPE IIC & IIIB	TYPE IIIC	TYPE IIID	TYPE IIIE	TYPE IIIF	UNDET TYPE			NEW THIS MISSION	DROPPED THIS MISSION		
	SITES		LAUNCHERS						IDENTIFIED	INCLUDED IN TOTAL			
	LAUNCHERS								COMPLETE				
ALEYSK			30					30	5	5			
DOMBAROVSKIY			60				5	65	10	10			
DROVYANAYA	6	15		50				65	5	5			
GLADKAYA ★	3	7		60				67	6	6			
IMENI GASTELLO ★			48				5	53	8	8			
ITATKA	3	6						6					
KARTALY			42				5	47	7	7			
KOSTROMA	7	15		90				105	9	9			
KOZELSK		5	12	110				122	11	11			
NOVOSIBIRSK	5	12						12					
OLOVYANNAYA	3	9		90				99	9	9			
OMSK		1	3					3					
PERM	6	13		80				93	8	8			
SHADRINSK	3	9						9					
SVOBODNY	8	17		60				77	6	6			
TATISHCHEVO ★				120				120	12	12			
TEYKOVO	6	12		80				92	8	8			
TYUMEN		2	4					4					
UZHUR ★			60				5	65	10	10			
VERKHNYAYA SALDA	9	20						20					
YEDROVO	8	18		110				128	11	11			
YOSHKAR OLA ★	6	12			60			72	6	6			
YURYA ★	11	25						25					
ZHANGIZ-TOBE			48				5	53	8	8			
TOTALS	84	190	8	19	288	850	60	25	1432	139	139		

★	TYURATAM MTC	TOTAL LAUNCHERS INCLUDES SSM, R&D, AND SPACE LAUNCH POSITIONS	78		
	PLESETSK MSC	TOTAL LAUNCHERS INCLUDES SSM, R&D, AND SPACE LAUNCH POSITIONS	34		

\*TOTALS DO NOT INCLUDE THE TRAINING SITES AT THE 17 SINGLE-SILO COMPLEXES NOR THE TYPE IIID LAUNCH SITES AT THE DERAZHNYA MRBM COMPLEX AND THE PERVOMAYSK IRBM COMPLEX.

\*COMPLEX AT LEAST PARTIALLY COVERED ON THIS MISSION.

25X1C

Handle Via  
Talent-KEYHOLE  
Control System Only

Table 2. SOVIET MRBM AND IRBM DEPLOYMENT

GEOGRAPHIC AREA	SOFT MRBM LAUNCH SITES	SOFT IRBM LAUNCH SITES	HARD MRBM LAUNCH SITES	HARD IRBM LAUNCH SITES	TOTAL LAUNCH SITES	TOTAL LAUNCH POSITIONS
WESTERN	100	10*	17	10	137	538**
CAUCASUS	3		2	3	8	29
CENTRAL ASIA	2	1	1	2	6	22
FAR EASTERN						
TOTALS	105	11	20	15	151	589**

Totals do not include 93 fixed field-type sites with total of 345 launch positions

\*One has only 2 pads

\*\*Totals do not include the 124 inactive launch positions at Aktyubinsk, Anastasyevka, Gvardeysk, Simferopol, Barano-Orenburgskoye, Balta, Uman (2 sites), Paplaka, Mukachevo, Derazhnya, Suchan, Kremovo, Kivertsy (1 site), Novosoysevkva, Ugoyny, Zhitomir (1 site), and Kamenets Podolskiy Complexes

Table 3. TYPE IIID LAUNCH SITES AT MR/IRBM COMPLEXES

COMPLEX	SITES*	LAUNCH GROUPS	LAUNCHERS	
			NEW THIS MISSION	DROPPED THIS MISSION
		IDENTIFIED	INCLUDED IN TOTAL	
DERAZHNYA	60	6	6	
PERVOMAYSK	60	6	6	
Totals*	120	12	12	

\*Totals do not include training sites

Table 4. TYPE IIIG LAUNCH SITES AT MR/IRBM COMPLEXES\*\*

COMPLEX	SITES	LAUNCH GROUPS	LAUNCHERS	
			NEW THIS MISSION	DROPPED THIS MISSION
		IDENTIFIED	INCLUDED IN TOTAL	
DERAZHNYA	33	3		
PERVOMAYSK	33	3		
Totals	66	6		

\*\*One site in each group has the dimensions and characteristics of a type IIIF launch site.

25X1C

TOP SECRET RUFF

Handle Via  
Talent-KEYHOLE  
Control System Only

HANDLE VIA

TOP SECRET RUFF

25X1C

TALENT KEYHOLE Approved For Release  
CONTROL SYSTEM ONLY

0010004-3  
25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

CHINA, COMMUNIST  
DEPLOYED STRATEGIC SSM FACILITIES

SIGNIFICANT RESULTS

25X1D

TIEN-WEI SSM TEST COMPLEX

25X1A 25-55-20N 102-49-28E

STATUS: UNDER CONSTRUCTION

REMARKS:

THE LAUNCH SITE, THE CHECKOUT AREA, TRACKING FACILITIES 1, 2, AND 3, THE MAIN SUPPORT BASE, AND THE RAIL TRANSFER POINT WERE COVERED. PHOTOGRAPHY OF THE LAUNCH AREA WAS UNINTERPRETABLE. NO SIGNIFICANT CHANGES WERE OBSERVED IN OTHER PARTS OF THE COMPLEX. AT THE MAIN SUPPORT BASE, SEVERAL BUILDINGS HAVE BEEN COMPLETED SINCE [REDACTED] AND NEW CONSTRUCTION WAS APPARENT. ROAD CONSTRUCTION HAS CONTINUED IN THE VALLEY EAST OF THE TOWN OF TIEN-WEI.

25X1D

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY  
Approved For Release 2001/03/03 : CIA-RDP78T04562A000400010004-8

TOP SECRET RUFF

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

CHINA, COMMUNIST  
MISSILE RANGES

### SIGNIFICANT RESULTS

25X1D TIEN-WEI SSM SUPPORT BASE MAIN

25X1A 25-30-07N 102-51-17E

STATUS: UNDER CONSTRUCTION

#### REMARKS:

25X1D SEVERAL BUILDINGS WHICH WERE UNDER CONSTRUCTION IN  
ARE NOW COMPLETE. SEVERAL NEW BUILDINGS WERE UNDER  
CONSTRUCTION.

25X1D

25X1D

25X1D YA-ERH-TANG IMPACT SEARCH

25X1A 40-55-//N 088-52-//E

STATUS: UNKNOWN

#### REMARKS:

APPROXIMATELY 20 PERCENT OF THE SEARCH AREA WAS COVERED. NO  
MISSILE IMPACT AREAS OR MISSILE-RELATED ACTIVITY WAS OBSERVED.

25X1D

### OTHER RESULTS-NO APPARENT CHANGE

25X1D CHAN-I SPACE TRACKING FACILITY

25X1A 25-38-47N 103-42-41E

STATUS: OPERATIONAL

25X1D

25X1D TIEN-WEI SSM RAIL-TO-ROAD TRANS POINT

25X1A 25-05-45N 102-52-15E

STATUS: UNDER CONSTRUCTION

25X1D

HANDLE VIA  
TALENT-KEY Approved For  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

A004400810004-3  
25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

CHINA, COMMUNIST  
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D  
KUN-MING/WU-CHIA-PU AIRFIELD

25X1A 24-59-31N 102-44-37E

STATUS: OPERATIONAL

25X1D  
AIR ORDER OF BATTLE:

4 SMALL SWEEP-WING (AT  
LEAST)

3 LIGHT STRAIGHT-WING  
1 SMALL STRAIGHT-WING

25X1D

25X1D  
MENG-TZU AIRFIELD WEST

25X1A 23-23-32N 103-20-14E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1D

34 SMALL SWEEP-WING (AT  
LEAST)

25X1D

25X1D  
PING-YUAN-CHIEH AIRFIELD

25X1A 23-43-03N 103-49-33E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1D

6 SMALL STRAIGHT-WING (AT  
LEAST)

25X1D

25X1D  
TIEN-YANG AIRFIELD

25X1A 23-43-06N 106-57-39E

STATUS: OPERATIONAL

HANDLE VIA  
TALENT-KETHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

04400010004-3  
25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

CHINA, COMMUNIST  
AIR BASE FACILITIES

25X1D

AIR ORDER OF BATTLE:

5 SMALL SWEPT-WING

3 PROB SMALL SWEPT-WING

25X1D

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

0010004-3  
25X1C

TCS-21290/72 - IPIR 1 25X1C  
KH-4 MISSION 1117-1

CHINA, COMMUNIST  
GROUND FORCE FACILITIES

OTHER RESULTS-NO APPARENT CHANGE

25X1D

KAI-YUAN ARMY BARRACKS WEST AL 1

25X1A 23-43-00N 103-14-40E

STATUS:OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

MENG-TZU ARMY BARRACKS SOUTH

25X1A 23-21-50N 103-23-32E

25X1D

STATUS:OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

**25X2**

**Approved For Release 2001/03/03 : CIA-RDP78T04562A004400010004-3**

**Approved For Release 2001/03/03 : CIA-RDP78T04562A004400010004-3**



HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

4400010004-3  
25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

UNITED ARAB REPUBLIC  
AIR BASE FACILITIES

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1A 23-58-14N 035-27-22E

RAS BANAS AIRFIELD

STATUS: OPERATIONAL

AIR ORDER OF BATTLE: 25X1D

NONE DISCERNIBLE

25X1D

HANDLE VIA  
TALENT-KEYHole Approved For  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

004400010004-3  
25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

KOREA, NORTH  
LOGISTICS

SIGNIFICANT RESULTS

25X1D

YONGHYON-DONG RR TRANSLOADING YD

25X1A 42-24-50N 130-37-10E

STATUS: OPERATIONAL

REMARKS:

ACTIVITY WAS LIGHT WITH THE YARD APPROXIMATELY 10 PERCENT  
FILLED.

ASSOCIATED OBJECTS: 25X1D

80 PIECES OF ROLLING STOCK  
(AT LEAST)

3 PROB STEAM LOCOMOTIVES  
(UNDER POWER) (AT LEAST)

25X1D

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1C

25X1D

SIGNIFICANT RESULTS

DROVYANAYA ICBM COMPLEX

25X1A 51-28-00N 113-01-00E

STATUS: UNKNOWN

REMARKS:

25X1D THE COMPLEX WAS NOT OBSERVED. NO NEW MISSILE ACTIVITY WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

GLADKAYA ICBM COMPLEX

25X1D

25X1A 56-23-24N 092-28-41E

STATUS: OPERATIONAL

REMARKS:

25X1D TWO OF THE 60 KNOWN SS-11 LAUNCH SITES, 17G AND 18G, WERE THE  
ONLY COMPONENTS OF THE COMPLEX OBSERVED. NO NEW MISSILE  
ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

GUSEV MRBM COMPLEX

25X1D

54-39-35N 022-08-18E

STATUS: OPERATIONAL

25X1A

REMARKS:

LAUNCH SITE 1 AND PART OF FIXED FIELD SITE 2 WERE VISIBLE. NO  
SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE  
SEARCH AREA.

25X1D

HANDLE VIA  
TALENT-KEYHOLE  
Approved For Release 2001/03/03 : CIA-RDP78T04562A004400010004-3  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

25X1C

TCS-21290/72 - IPIR 1 25X1C  
KH-4 MISSION 1117-1

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

GVARDEYSK MRBM COMPLEX

25X1A54-44-59N 021-06-57E

STATUS:UNKNOWN

REMARKS:

PARTS OF LAUNCH SITE 2 AND THE SUPPORT FACILITY WERE VISIBLE.  
NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE  
SEARCH AREA.

25X1D

25X1D

IMENI GASTELLO ICBM COMPLEX

25X1A51-16-41N 065-55-50E

STATUS:OPERATIONAL

REMARKS:

ALL KNOWN COMPONENTS OF THE COMPLEX AND THE SEARCH AREA WERE  
OBSERVED. A PROBABLE BRIDGE CRANE WAS OBSERVED AT IIIF LAUNCH  
SITE 59. NO OTHER SIGNIFICANT CONSTRUCTION ACTIVITY WAS  
APPARENT AT THE OTHER IIIF LAUNCH SITES. NO NEW MISSILE  
ACTIVITY WAS OBSERVED IN THE SEARCH AREA.

25X1D

25X1D

JELGAVA MRBM COMPLEX

25X1A 56-38-40N 024-06-09E

STATUS:OPERATIONAL

REMARKS:

THE RAIL-TO-ROAD TRANSFER POINT AND PART OF LAUNCH SITE 3 WERE  
VISIBLE. THREE OF THE FOUR SILO DOORS AT LAUNCH SITE 3 WERE  
OPEN. NO MISSILES OR EQUIPMENT WERE IDENTIFIABLE. NO SILO  
CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH  
AREA.

25X1D

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

00010004-3  
25X1C

TCS-21290/72 - IPIR 1 25X1C  
KH-4 MISSION 1117-1

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

JONAVA MRBM COMPLEX

25X1A 55-00-05N 024-12-53E

STATUS:UNKNOWN

REMARKS:

PART OF LAUNCH SITE 1 WAS VISIBLE. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

KRASNOZNAMENSK MRBM COMPLEX

25X1A 55-01-10N 022-23-07E

25X1D

STATUS:OPERATIONAL

REMARKS:

THE RAIL-TO-ROAD TRANSFER POINT, FIXED FIELD SITE 2, AND PARTS OF LAUNCH SITE 1 AND FIXED FIELD SITE 1 WERE OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

KURGANCHA MRBM COMPLEX

25X1A 39-32-48N 065-50-16E

25X1D

STATUS:OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX AND SEARCH AREA WERE OBSERVED. AT LAUNCH SITE 1, ONE PROBABLE MISSILE TRANSPORTER WAS PARKED NEAR A LAUNCH PAD. AT LAUNCH SITE 2, TWO PROBABLE MISSILE TRANSPORTERS WERE BESIDE A MISSILE-READY BUILDING. ERECTORS WERE ON ALL PADS AT LAUNCH SITES 1 AND 2. NO SILO CONSTRUCTION WAS OBSERVED.

25X1D

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

00010004-3  
25X1C

TCS-21290/72 - IPIR 1 25X1C  
KH-4 MISSION 1117-1

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

MAYKOP MRBM COMPLEX  
25X1D

25X1A 44-28-20N 040-03-59E

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

NIGRANDE IRBM COMPLEX

25X1A 56-35-32N 021-55-44E

25X1D

STATUS: OPERATIONAL

REMARKS:

PARTS OF LAUNCH SITES 1 AND 3 WERE VISIBLE. NO SILO  
CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH  
AREA.

25X1D

PRUZHANY MRBM COMPLEX

25X1A 52-28-56N 024-02-48E

25X1D

STATUS: UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

RISTI MRBM COMPLEX

25X1A 59-03-50N 024-05-18E

25X1D

STATUS: OPERATIONAL

REMARKS:

LAUNCH SITE 1 AND PORTIONS OF FIXED FIELD SITES 1 AND 2 AND THE  
HF COMMUNICATIONS FACILITY WERE OBSERVED. NO SILO CONSTRUCTION  
WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

0010004-3  
25X1C

TCS-21290/72 - IPIR 1 25X1C  
KH-4 MISSION 1117-1

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

25X1D SATEIKIAI MRBM COMPLEX

25X1A 56-01-08N 021-46-23E

STATUS: OPERATIONAL

REMARKS:

PARTS OF LAUNCH SITES 1, 2, AND 3 WERE OBSERVED. PROBABLE  
OXIDIZER TRANSPORTERS WERE ON ALL FOUR PADS AT LAUNCH SITE 2. A  
POSSIBLE MISSILE TRANSPORTER WAS ALIGNED WITH ONE OF THE  
ERECTORS. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL  
COVERAGE OF THE SEARCH AREA.

25X1D

25X1D SOVETSK MRBM COMPLEX

25X1A 55-09-22N 021-34-08E

STATUS: OPERATIONAL

REMARKS:

LAUNCH SITES 1 AND 2, FIXED FIELD SITE 2, AND PART OF FIXED  
FIELD SITE 1 WERE VISIBLE. AT LAUNCH SITE 2, A MISSILE WAS  
ERECTED ON ONE PAD AND PROPELLANT TRANSPORTERS WERE ALIGNED  
WITH THE ERECTORS ON TWO OTHER PADS. BOTH FIXED FIELD SITES  
APPEARED TO HAVE BEEN IMPROVED. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

25X1D TATISHCHEVO ICBM COMPLEX

25X1A 51-50-42N 045-40-42E

STATUS: OPERATIONAL

REMARKS:

SIX OF THE 120 KNOWN SS-11 LAUNCH SITES WERE OBSERVED. TWO  
OTHER SS-11 LAUNCH SITES COULD BE IDENTIFIED ONLY. NO NEW  
MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH  
AREA.

25X1D

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

400010004-3  
25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1D  
TAURAGE MRBM COMPLEX

25X1A 55-14-07N 022-25-39E

STATUS:UNKNOWN

REMARKS:

PARTS OF LAUNCH SITES 1 AND 2 AND FIXED FIELD SITE 1 WERE  
VISIBLE. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE  
OF THE SEARCH AREA.

25X1D

TAYBOLA IRBM COMPLEX

25X1A 68-25-27N 033-21-18E

25X1D

STATUS:OPERATIONAL

REMARKS:

LAUNCH SITES 1 AND 2 WERE OBSERVED. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

TORVA MRBM COMPLEX

25X1A 57-58-44N 026-06-54E

25X1D

STATUS:UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

UKMERGE MRBM COMPLEX

25X1A 55-09-32N 024-40-44E

25X1D

STATUS:UNKNOWN

REMARKS:

THE COMPLEX WAS NOT VISIBLE. NO SILO CONSTRUCTION WAS OBSERVED  
ON PARTIAL COVERAGE OF THE SEARCH AREA.



HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

04400010004-3  
25X1C

TCS-21290/72 - IPIR 1 25X1C  
KH-4 MISSION 1117-1  
25X1D

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

UZHUR ICBM COMPLEX

25X1D

25X1A 55-17-36N 090-01-38E

STATUS: OPERATIONAL

REMARKS:

SEVEN OF THE 60 KNOWN SS-9 LAUNCH SITES (LAUNCH SITES 3, 5, 6, 46, 52, 54, AND 55) WERE THE ONLY COMPONENTS OF THE COMPLEX OBSERVED. NO NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

VORU MRBM COMPLEX

25X1D

25X1A 57-47-23N 026-48-15E

STATUS: UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

YOSHKAR-OLA ICBM COMPLEX  
25X1D

25X1A 56-47-40N 048-30-58E

STATUS: OPERATIONAL

REMARKS:

SEVEN OF THE 60 KNOWN SS-13 LAUNCH SITES, THREE OF THE SIX SS-7 LAUNCH SITES, THE RAIL-TO-ROAD TRANSFER POINT, AND PARTS OF THE COMPLEX SUPPORT FACILITIES WERE OBSERVED. CONSTRUCTION OF THE SS-13 SINGLE-SILO TRAINING SITE HAS BEEN COMPLETED. ALL AREAS WITHIN THE RAIL-TO-ROAD TRANSFER POINT ARE NOW COMPLETED. A PROBABLE SS-7 MISSILE AND TRANSPORTER WERE ON THE APRON OF THE LEFT MISSILE-READY BUILDING AT LAUNCH SITE 3. NO NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1D

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

04-3

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

YURYA ICBM COMPLEX

25X1A 59-13-10N 049-35-00E

STATUS: OPERATIONAL

REMARKS:

TWO OF THE 11 KNOWN SS-7 LAUNCH SITES WERE OBSERVED. TWO MORE  
LAUNCH SITES, THE COMPLEX SUPPORT FACILITIES, THE RAIL-TO-ROAD  
TRANSFER POINT, AND [REDACTED] OBSERVED. NO NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL  
COVERAGE OF THE SEARCH AREA.

25X9

25X9

25X1D

ZAGARE MRBM COMPLEX

25X1D

25X1A 56-31-50N 023-19-46E

STATUS: OPERATIONAL

REMARKS:

PARTS OF LAUNCH SITES 1 AND 2 WERE VISIBLE. NO SILO  
CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH  
AREA.

25X1D

ZNAMENSK MRBM COMPLEX

25X1D

25X1A 54-29-11N 021-05-13E

STATUS: OPERATIONAL

REMARKS:

LAUNCH SITE 1 AND PARTS OF FIXED FIELD SITES 1 AND 2 WERE  
VISIBLE. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE  
OF THE SEARCH AREA.

25X1D

HANDLE VIA  
TALENT-~~Approved For Release~~  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

400010004-3  
25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

SOVIET UNION  
MISSILE RANGES

# SIGNIFICANT RESULTS

25X1D

AKHTUBINSK FLIGHT TEST CENTER

25X1A48-17-53N 046-11-22E

STATUS: OPERATIONAL

## REMARKS:

A BACKFIRE WITH THE WINGS SWEEP COMPLETELY FORWARD WAS OBSERVED IN THE ASM AREA. FIVE FOXBAT, A PROBABLE FOXBAT, THREE FLOGGER, AND A POSSIBLE FLOGGER WERE ALSO OBSERVED. FOUR OF THE FOXBAT WERE IN THE ASM AREA, THE PROBABLE FOXBAT WAS ON THE PARKING APRON AT THE AREA AIRFIELD, AND A FOXBAT, THREE FLOGGER, AND A POSSIBLE FLOGGER WERE ON THE PARKING APRON OUTSIDE THE ASM AREA. CONSTRUCTION WAS CONTINUING ON BUILDINGS IN THE SUPPORT AREA AND IN THE AAM AREA.

FOR COMPLETE ORDER OF BATTLE, SEE REPORTS ON THE FOLLOWING FACILITIES WITHIN THE FLIGHT TEST CENTER.

AKHTUBINSK/VLADIMIROVKA AIRFIELD (BE

25X1A

AKHTUBINSK/VLADIMIROVKA AREA AIRFIELD

AKHTUBINSK/VLADIMIROVKA AAM SUPPORT COMPLEX

AKHTUBINSK/VLADIMIROVKA ASM SUPPORT COMPLEX

25X1A

AKHTUBINSK/VLADIMIROVKA AAM AND ASM STORAGE

25X1D

KAPUSTIN YAR SAM FIRING RANGE

25X1A48-48-28N 045-43-43E

25X1D

STATUS: OPERATIONAL

## REMARKS:

THE ENTIRE RANGE WAS COVERED ON PHOTOGRAPHY OF POOR INTERPRETABILITY. CONSTRUCTION HAS CONTINUED AT AREA A OF THE POSSIBLE ELECTRONICS-RELATED FACILITY. THE ASSEMBLY OF TWO RADOMES THERE HAS ADVANCED SLOWLY. UNIDENTIFIED AREAS OF CONSTRUCTION WERE OBSERVED AT TWO NEW LOCATIONS WITHIN AREA A. EXCAVATED EARTH WAS OBSERVED BETWEEN THE CIRCULAR PAD AREA AND THE SITE OF RADOME CONSTRUCTION. CONSTRUCTION ACTIVITY WAS OBSERVED AT A PREVIOUSLY IDENTIFIED LINEAR EXCAVATION JUST UPRANGE OF THE WESTERNMOST CIRCULAR PAD. THE PLUS-SHAPED OBJECT IDENTIFIED ON THIS PAD ON PHOTOGRAPHY OF [REDACTED] WAS STILL PRESENT. NO SIGNIFICANT CHANGES WERE OBSERVED AT OTHER RANGE FACILITIES.

25X1D

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

4400010004-3  
25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1  
25X1D

25X1C

SOVIET UNION  
MISSILE RANGES

25X1D

KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR

25X1A 48-41-07N 045-58-53E

STATUS: OPERATIONAL

REMARKS:

ALL COMPONENTS OF THE RANGEHEAD WERE OBSERVED. NO SIGNIFICANT  
ACTIVITY WAS NOTED.

25X1D

TYURATAM ICBM LAUNCH TEST SITE H1/2

25X1A 45-59-30N 063-42-01E

25X1D

STATUS: COMPLETE

REMARKS:

25X1D 25X1D

THE MISSILE OR PORTIONS OF A MISSILE OBSERVED ON THE H1 ERECTOR  
ON [REDACTED] WERE NO LONGER VISIBLE WITHIN THE LAUNCH  
AREA. THERE WAS NO CHANGE IN THE AMOUNT AND LOCATION OF THE  
DEBRIS. PARTS OF THIS DEBRIS HAVE BEEN IN THE LAUNCH AREA  
SINCE [REDACTED] TWO PROBABLE RAILCARS WERE ON THE RAIL SPUR  
ADJACENT TO PAD H1. FOUR RAILCARS WERE ON THE RAIL SPUR JUST  
OUTSIDE THE ENTRANCE TO THE LAUNCH AREA.

ASSOCIATED OBJECTS:

[REDACTED]  
4 RAILCARS

25X1D

2 PROB RAILCARS

25X1D

25X1D

TYURATAM MISSILE TEST CENTER

25X1A 45-56-37N 063-27-55E

STATUS: OPERATIONAL

REMARKS: 25X1D

ALL COMPONENTS OF THE TEST CENTER WERE OBSERVED ON CLEAR  
PHOTOGRAPHY ON [REDACTED] IN THE SUPPORT FACILITY OF LAUNCH  
COMPLEXES C AND H; A POSSIBLE MISSILE AIRFRAME WAS ON THE RAIL  
SPUR ADJACENT TO ASSEMBLY AND CHECKOUT BUILDING A. THE  
POSSIBLE MISSILE IS PROBABLY THE SAME TYPE AS THOSE OBSERVED  
THERE ON PREVIOUS COVERAGE. A PIECE OF EQUIPMENT, POSSIBLY THE

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

0010004-3  
25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

SOVIET UNION  
MISSILE RANGES

25X1D

25X1D

NEW-TYPE MISSILE TRANSPORTER REPORTED IN [REDACTED]  
WAS PARKED AT THE EASTERN END OF THE BUILDING ADJACENT TO THE  
SPUR. AN UNIDENTIFIED [REDACTED] OBJECT WAS PARKED  
NEAR THE POSSIBLE TRANSPORTER ALONG WITH SS-9 GROUND SUPPORT  
EQUIPMENT.

25X1D

25X1D

IN LAUNCH COMPLEX G, AN SL-11 LAUNCH VEHICLE [REDACTED] METERS  
[REDACTED] FEET) WAS IN A HORIZONTAL POSITION AT PAD G1-A OF  
LAUNCH SITE G1.

SEVERAL PIECES OF GROUND SUPPORT EQUIPMENT WERE OBSERVED AT  
TYPE III G LAUNCH SITES Q1 AND Q2. THIS IS THE FIRST  
OBSERVATION OF EQUIPMENT AT SITES OF LAUNCH GROUP Q SINCE THE  
ORIGINAL CHECKOUT OF THE COMPLETED SILOS.

NO SIGNIFICANT DETAILS OF CONSTRUCTION COULD BE OBTAINED AT THE  
LAUNCH SITES OF LAUNCH GROUPS R AND S. A MISSILE CANISTER WAS  
OBSERVED IN THE OPEN SILO AT SITE S1. A TOWER WHICH HAS BEEN  
CONSTRUCTED AT LAUNCH SITE S6 APPEARS SIMILAR TO THOSE OBSERVED  
AT FOUR SITES OF LAUNCH GROUP R.

AT LAUNCH SITE T1-T2, 11 SILO LINER SEGMENTS OR PORTIONS OF  
SEGMENTS WERE ON THE SILO APRON. PRELIMINARY ANALYSIS SUGGESTS  
THAT THE SEGMENTS ARE NOT ALL OF EQUAL HEIGHT, BUT DETAILED  
MENSURATION HAS NOT BEEN DONE. A SINGLE BRIDGE CRANE HAS BEEN  
INSTALLED TO SERVE BOTH SILOS.

[REDACTED]  
25X1D

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

4400010004-3  
25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

SOVIET UNION  
NAVAL BASE FACILITIES

### SIGNIFICANT RESULTS

25X1D

BECHEVINSKAYA SUBMARINE BASE

25X1A 53-15-22N 159-45-59E

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

5 MEDIUM SS  
1 BOLVA APL

25X1D  
1 SMALL VESSEL

25X1D

DUNAY SUB BASE A SHPYD RAZBOYNIK BAY

25X1A 42-53-47N 132-21-24E

25X1D

STATUS: OPERATIONAL

REMARKS:

BUILDING CONSTRUCTION WAS CONTINUING AT THE SUBMARINE BASE  
SUPPORT AREA.

25X1D

NAVAL ORDER OF BATTLE:

1 E-II SSGN  
1 MEDIUM SS (IN ARD)  
1 ALESHA MMF  
1 VALA AOSR  
1 DNEPR AR  
1 202A AR  
1 ARD  
1 KRUPNYY YRSN

2 ROSTA-A YRSN  
1 LIBAU AGFL  
1 RECTANGULAR SPT BARGE  
1 FLOATING CRANE  
6 UNIDENTIFIED VESSELS  
MISCELLANEOUS VESSELS  
(NUMEROUS)

25X1D

DUNAY SUB BASE KONYUSHKOVA BAY

25X1A 42-51-52N 132-21-59E

25X1D

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION AND EARTH GRADING ACTIVITY WAS CONTINUING IN THE  
SUPPORT AREA.

HANDLE VIA

TALENT-KEYHOLE

CONTROL SYSTEM ONLY

TOP SECRET RUFF

4400010004-3

25X1C

TCS-21290/72 - IPIR 1

25X1C

KH-4 MISSION 1117-1

SOVIET UNION

NAVAL BASE FACILITIES

25X1D

NAVAL ORDER OF BATTLE:

1 LARGE SUBMARINE

1 PROB OSS

2 MEDIUM SS

25X1D

3 MISCELLANEOUS CRAFT

PALDISKI NAVAL BASE

25X1D

25X1A 59-20-08N 024-04-49E

STATUS: OPERATIONAL

25X1D

NAVAL ORDER OF BATTLE:

6 SS (AT LEAST)

25X1D

7 UNIDENTIFIED VESSELS

25X1D

PETROPAVLOVSK NAVAL BASE MYS IZMENNYY

25X1A 52-56-35N 158-39-17E

STATUS: OPERATIONAL

25X1D

NAVAL ORDER OF BATTLE:

3 POTI PCE

1 LIBAU AGCL

1 YURKA MSF

2 PROB AG

5 T-43 MSF

5 SMALL CRAFT

1 POSS T-43 MSF 25X1D

25X1D  
PETROPAVLOVSK NAVAL MSL LOADING FAC

25X1A 52-57-01N 158-25-33E

STATUS: OPERATIONAL

25X1D

NAVAL ORDER OF BATTLE:

1 E-II SSGN

1 POLUCHAT-1 YPT

1 LAMA AEM

1 AK

1 TOPLIVO-2 YO

1 FLOATING CRANE

25X1D

25

Approved For Release 2001/03/03 : CIA-RDP78T04562A000400010004-3

TOP SECRET RUFF

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

4400010004-3  
25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

SOVIET UNION  
NAVAL BASE FACILITIES

25X1D  
PETROPAVLOVSK SHPYD + NVB SELDEVAYA

25X1A 52-53-24N 158-25-35E

STATUS: OPERATIONAL

25X1D

NAVAL ORDER OF BATTLE:

2 H-II SSBN

1 DNEPR AR

1 202A AR

1 PROB LIBAU AGCL

1 AGB

1 OKHTENSKIY ATR

1 PM-124 YRSN

1 ROSTA-A YRSN

1 ZABAYKALYE APB

1 LARGE APB

1 AT/YT

1 N SSN

1 F/Z SS (IN ARD-T NO 1)

2 MEDIUM SS

1 MODIFIED KOTLIN DD

2 RIGA DE

1 PETYA DE (IN ARD-D AT  
SHIPYARD)

2 POTI PCE (1 IN ARD-D AT  
SHIPYARD)

1 SKORYY AG

1 VALA AOSR

2 FLOATING CRANES

25X9

25X1D

PETROPAVLOVSK SUB B A SHPYD TARYA BAY

25X1A 52-54-45N 158-29-39E

25X1D

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION ON THE NEW WEAPONS FACILITY APPEARED TO BE NEARING COMPLETION. THE PIER AND ADJACENT QUAY WERE STILL UNDER CONSTRUCTION. THE ANGLE OF THE QUAY INDICATES THAT IT WILL BE EXTENDED TO ENCLOSE THE SMALL ONE NW OF THE WEAPONS FACILITY.

25X1D

NAVAL ORDER OF BATTLE:

3 Y SSBN (BLACK SONAR)

1 DON AS

3 E-II SSGN

1 PROB T-58 ASR

1 PROB E SSGN/SSN

2 OSKOL AR

1 N SSN

2 BOLVA-II APL

1 PROB B SS

1 ZABAYKALYE APB

1 F/Z SS

4 PROB POLUCHAT-1 YPT

1 MEDIUM SS (IN ARD-D)

7 SMALL VESSELS (2 IN

1 POSS MEDIUM SS (IN ARD-T)

ARD-D)



HANDLE VIA  
TALENT-Approved For Release  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

00010004-3  
25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

SOVIET UNION  
NAVAL BASE FACILITIES

1 UGRA AS 25X1D

PETROVKA NAVAL BASE + SHIPYARD

25X1A 43-06-58N 132-20-31E

25X1D

STATUS: OPERATIONAL

REMARKS:  
WORK CONTINUED ON THE Y SSBN AND THE E-I SSN. CONSTRUCTION  
CONTINUED ON THE REPAIRWAY ROOF AND ON THE POSSIBLE TRANSVERSER  
EXTENSION.

25X1D NAVAL ORDER OF BATTLE:

1 Y SSBN  
1 E-II SSGN (ON WAY 4)  
2 E-I SSN (1 ON WAY 2)  
1 N SSN (ON WAY 3)  
1 POSS SO-1 SC  
1 202A AR  
1 ARD (T)  
1 PETROVKA-A YRSN  
1 PETROVKA-B YRSN

1 PM-124 YRSN  
2 ZEYA YRSN  
1 YAGT  
1 S-1 YFP  
6 RECTANGULAR SPT BARGES  
1 UNIDENTIFIED VESSEL (ON  
LAUNCH BASIN SHELF)  
7 MISCELLANEOUS CRAFT  
2 FLOATING CRANES

25X1D

RIGA NAVAL BASE AND SHIPYARD BOLDERAJA

25X1A 57-02-57N 024-01-54E

25X1D

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

2 PROB SS  
23 UNIDENTIFIED VESSELS (AT  
LEAST)

25X1D

HANDLE VIA  
TALENT KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

00010004-3  
25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

SOVIET UNION  
NAVAL BASE FACILITIES

25X1D

SEVEROMORSK NAVAL BASE

25X1A 69-04-42N 033-25-57E

STATUS: OPERATIONAL

REMARKS:

NO APPARENT CHANGES WERE OBSERVED IN CLOUD-FREE AREAS.

25X1D NAVAL ORDER OF BATTLE:

7 UNIDENTIFIED VESSELS (AT  
LEAST)

25X1D

25X1D

STRELOK ST SUB BASE PAVLOVSKOGO BAY

25X1A 42-52-06N 132-31-43E

STATUS: OPERATIONAL

REMARKS:

BUILDING AND BREAKWATER CONSTRUCTION AS WELL AS TUNNELING  
ACTIVITY APPEARED TO BE CONTINUING.

25X1D NAVAL ORDER OF BATTLE:

1 POSS E SSGN/SSN  
1 OSS  
1 PETYA DE (AT ANCHOR  
OUTSIDE BREAKWATER)

5 MISCELLANEOUS CRAFT  
(SMALL)  
1 FLOATING CRANE

25X1D

25X1D

VLADIVOSTOK NAVAL BASE + SHIPYARD 202

25X1A 43-06-25N 131-55-24E

STATUS: OPERATIONAL

25X1D

NAVAL ORDER OF BATTLE:

9 MEDIUM SUBMARINES (AT  
LEAST)  
1 SVERDLOV CL  
2 KYNDA CLGM

10 SMALL COMBATANTS (AT  
LEAST)  
2 PRIMORYE AGI  
29 UNIDENTIFIED VESSELS (AT

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

0010004-3  
25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

SOVIET UNION  
NAVAL BASE FACILITIES

25X1D

6 UNIDENTIFIED DD  
LEAST)

VLADIVOSTOK NVL BASE A RPR YD DIOMID

25X1A 43-05-23N 131-53-52E

25X1D

STATUS: OPERATIONAL

25X1D

NAVAL ORDER OF BATTLE:

4 MEDIUM SUBMARINES  
6 SMALL COMBATANTS  
1 202A AR

26 UNIDENTIFIED VESSELS (AT  
LEAST)

25X1D

VLADIVOSTOK SUBMARINE BASE ULISA BAY

25X1A 43-04-49N 131-55-21E

25X1D

STATUS: OPERATIONAL

25X1D

NAVAL ORDER OF BATTLE:

6 MEDIUM SS  
1 POSS MV OSS  
1 POSS ATREK ASL

3 SMALL VESSELS  
(UNIDENTIFIED)

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

PETROVKA NUC SUB SUPP FAC

25X1A 43-07-28N 132-19-55E

STATUS: OPERATIONAL

25X1D

NAVAL ORDER OF BATTLE:

NONE PRESENT

25X1D

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

Approved For Release

100010004-3

25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

SOVIET UNION  
GROUND FORCE FACILITIES

# SIGNIFICANT RESULTS

25X1D

SOVETSK ARMY BKS W AL 2

25X1A 55-05-04N 021-52-10E

STATUS:OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:

20 VEHICLES/PIECES OF EQUIP  
(AT LEAST)

25X1D

HANDLE VIA  
TALENT Approved For Release  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

00010004-3  
25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

SOVIET UNION  
LOGISTICS

### SIGNIFICANT RESULTS

25X1D  
CHERNYAKHOVSK TRANSLOADING YD SW

25X1A 54-37-22N 021-46-08E

STATUS: OPERATIONAL

#### REMARKS:

THE YARD WAS FILLED TO APPROXIMATELY 15 PERCENT OF CAPACITY.  
NO MILITARY EQUIPMENT WAS IDENTIFIED.

25X1D

**25X2**

**Approved For Release 2001/03/03 : CIA-RDP78T04562A004400010004-3**

**Next 1 Page(s) In Document Exempt**

**Approved For Release 2001/03/03 : CIA-RDP78T04562A004400010004-3**

HANDLE VIA  
TALENT-KEYHOLE  
Approved For Release 2001/03/03 : CIA-RDP78T04562A004400010001-3  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

SOVIET UNION  
INDUSTRY

SIGNIFICANT RESULTS

25X1D ARSENYEV AIRFRAME PLT 116 25X1A 44-08-59N 133-15-23E

STATUS: OPERATIONAL

REMARKS:

A LARGE EXCAVATION IMMEDIATELY SE OF THE LARGE ADMINISTRATION  
BUILDING MAY BE A FOUNDATION FOR A NEW BUILDING.

25X1D ASSOCIATED OBJECTS:

17 PROB HIND A  
2 CAB  
1 COKE  
2 CLOD  
1 COLT  
5 SMALL STRAIGHT-WING

18 SAILPLANES  
8 PROB HELICOPTER SHPG  
CRATES (APPROXIMATELY)  
30 PROB STYX MSL SHPG  
CRATES (AT LEAST)

25X1D

25X1D GORKIY AIRFRAME PLANT ORDZHONIKIDZE 21 25X1A 56-19-27N 043-51-24E

25X1D

STATUS: OPERATIONAL

25X1D ASSOCIATED OBJECTS:

15 PROB AIRCRAFT (AT LEAST)

25X1D

25X1D KAZAN AIRFRAME PLANT GORBUNOV 22 25X1A 55-51-38N 049-06-55E

STATUS: OPERATIONAL

25X1D ASSOCIATED OBJECTS:

3 BACKFIRE A -- AT THE PLANT

1 POSS BACKFIRE A  
18 BLINDER  
5 BADGER

1 CLASSIC  
1 CRATE  
4 CAB

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY  
Approved For Release

TOP SECRET RUFF

10004-3  
25X1C

TCS-21290/72 - IPIR 1

25X1C

SOVIET UNION  
INDUSTRY

KH-4 MISSION 1117-1

25X1D

1 CAB  
-- AT DERELICT RUNWAY

25X1D

25X1D VLADIVOSTOK SHIPYARD ULIS 25X1A 43-05-00N 131-55-36E

STATUS: OPERATIONAL

25X1D NAVAL ORDER OF BATTLE:

2 BYSTRY-A PTH (1 ON WAYS) 4 STENKA PCS/BYSTRY PTH

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D  
KAZAN AIRFRAME PLANT A-387

25X1A 55-48-01N 049-02-51E

STATUS: OPERATIONAL

25X1D



**Approved For Release 2001/03/03 : CIA-RDP78T04562A004400010004-3**

**Approved For Release 2001/03/03 : CIA-RDP78T04562A004400010004-3**

HANDLE VIA  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY

TOP SECRET RUFF

0004-3  
25X1C

TCS-21290/72 - IPIR 1  
KH-4 MISSION 1117-1

25X1C

VIETNAM, NORTH  
AIR BASE FACILITIES

### SIGNIFICANT RESULTS

25X1D

BAI THUONG AIRFIELD

25X1A 19-54-30N 105-27-55E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

1 FISHBED

25X1D

25X1D

25X1D

PHUC YEN AIRFIELD

25X1A 21-13-15N 105-48-32E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

2 FAGOT/FRESCO

25X1D

25X1D

### OTHER RESULTS-NO APPARENT CHANGE

25X1D

HAI PHONG/CAT BI AIRFIELD

25X1A 20-49-01N 106-43-46E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

25X1D

25X1D

NA SAN AIRFIELD

25X1A 21-12-49N 104-02-17E

STATUS: OPERATIONAL

HANDLE VIA Approved For Release 2001/03/03 : CIA-RDP78T04562A004400010004-3  
TOP SECRET RUFG  
TALENT-KEYHOLE  
CONTROL SYSTEM ONLY [REDACTED] 25X1C

TCS-21290/72 - IPIR 1 25X1C VIETNAM, NORTH  
KH-4 MISSION 1117-1 AIR BASE FACILITIES

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

[REDACTED]

WWIPIR CODES

<u>Status (STA:)</u>	<u>OB</u>	<u>Interpretability</u>
NEG - Negated	MIS: Missiles	E - Excellent
UCO - Under Const	AOB: Air	G - Good
COM - Complete	NVL: Naval	F - Fair
UKN - Unknown	GFW: Grd Force	P - Poor
NOP - Not Oprtl	ELC: Electronic	
OPR - Operat'l	AAA: Antiair	<u>Conditions</u>
OCC - Occupied	OBJ: Assoc Objs	CL - Clear
UNP - Unoccupied		SC - Scattered Cloud
ABN - Abandoned	<u>Mode</u>	HC - Heavy Cloud
RMV - Removed	W - Stereo/Blk & White	HA - Haze
TRN - Transitory	P - Part Stereo/ Blk & White	SN - Snow
DMG - Damaged	B - Mono Blk & White	SH - Shadow
DST - Destroyed	S - Stereo/Color	OL - Obliquity
	A - Part Stereo/ Color	SD - Semi- darkness
	C - Mono Color	HD - Heavy Dust/ Smoke
	D - Camouflage Detection	
<u>General</u>	F - Infrared	<u>Coverage</u>
IMR: Image Ref (Photo Ref)	R - Radar	C - Complete
DES: Description	N - Nonstandard	P - Partial
RMK: Remarks		O - Oblique
IDC: Image Derived Coord.		V - Vertical
MPR: Map Ref		
DFC: Defenses/ Security		

25X1C

Approved For Release 2001/03/03 : CIA-RDP78T04562A004400010004-3

Approved For Release 2001/03/03 : CIA-RDP78T04562A004400010004-3